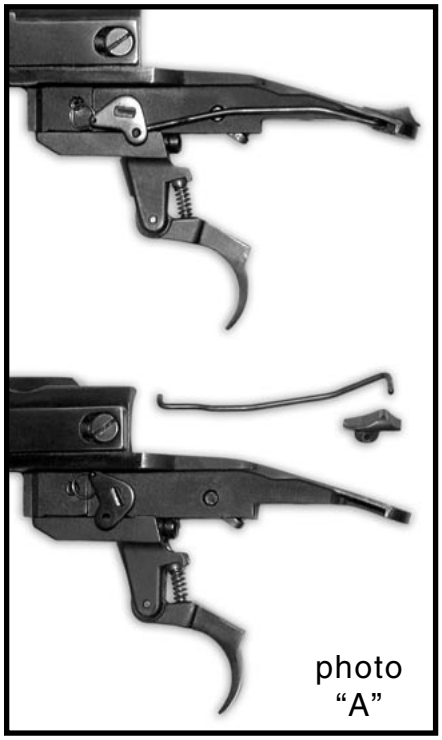
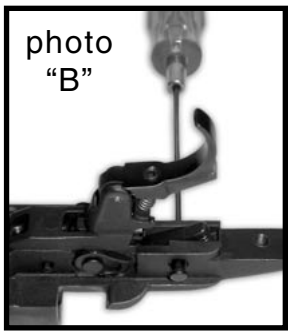
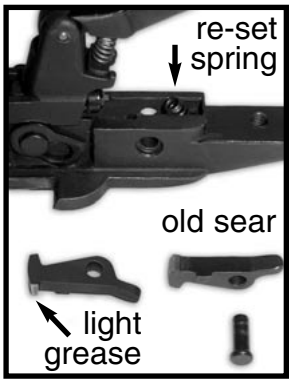
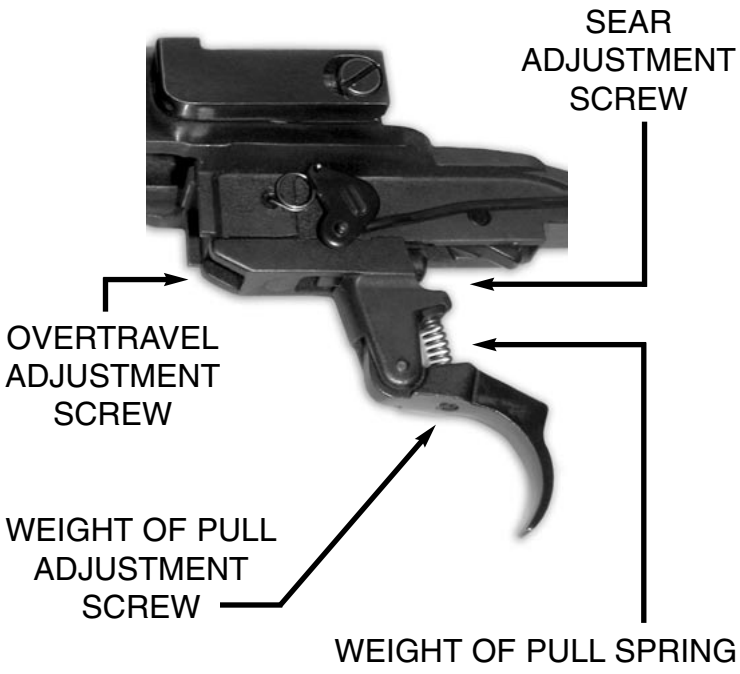
RIFLE BASIX, Inc.
PO Box 23593 • Charlotte, NC 28227
www.riflebasix.com

INSTRUCTION SHEET FOR RIFLE BASIX RU-T SEAR IN RUGER BOLT ACTION CENTERFIRE RIFLES WITH TANG SAFETY









WARNING! ANY bolt action firearm with a live round in the chamber and the safety in the "SAFE" position, is an accident waiting to happen! A safe firearm is achieved through safe HANDLING techniques. At the very least, a firearm with a live round in the chamber, should have the bolt handle in the full upright position, unloading the firing pin spring. Safties may operate erratically on triggers with adjustable sear engagement. **NEVER trust a mechanical safety with a live round in the chamber!**

1) Remove bolt from action, and remove barreled action from stock.

2) Remove safety linkage rod, and safety button. DO NOT REMOVE TRIGGER (see photo "A" above).

3) Push out sear pivot pin and remove sear and re-set spring (see photo "B" above). Save old sear in a zip lock bag.

4) Turn overtravel adjustment screw counter-clockwise 3 turns.

5) Re-install UNMODIFIED sear re-set spring. Before installing new Rifle Basix sear, add small amount of light grease as shown above. Re-install safety linkage rod and safety button.

6) Install bolt in action, and confirm trigger function and safety operation. Adjust weight of pull adjustment and sear adjustment for desired weight of pull. Turn sear adjustment screw clockwise to reduce sear engagement, counter-clockwise to increase sear engagement. Turn weight of pull adjustment clockwise to increase weight of pull, and counter-clockwise to reduce weight of pull.

7) With the safety in the "FIRE" position, and action in "FIRED" condition, turn overtravel adjustment screw clockwise until it stops, then turn counter-clockwise 1/4 turn.

8) Re-install barreled action in stock.

Design of Rifle Basix trigger will provide light pull trigger operation, and will require firearm to be handled with care. ALWAYS close bolt slowly and carefully. Keep firearm pointed in a safe direction when loading and unloading, and when operating bolt and safety.